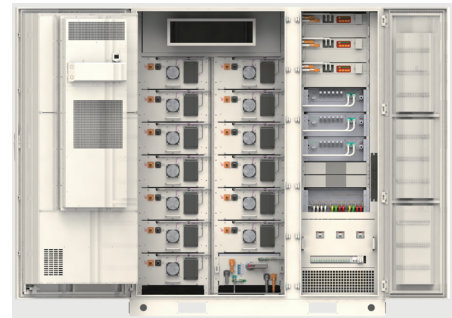


Microgrid-Ready All-in-One BESS Cabinet

OES-LF30/OES-LF60/OES-LF90

This product is a fully integrated energy storage solution, comprising energy storage batteries, inverters, energy management systems, temperature control systems, and fire protection systems. This all-in-one product is appropriate for various application scenarios and is in a convenient and quickly deployable outdoor-rated cabinet enclosure.

Product Appearance ▼



Features



Safe and Reliable

Excellent temperature control technology and comprehensive fire safety ensure system safety and reliability



Multiple Modes

Adaptable to a variety of application scenarios with a fast power response, support for both on grid and off-grid usage



Flexible Expansion

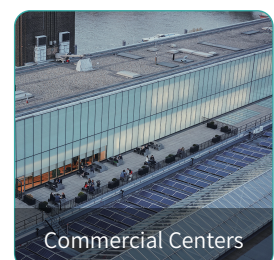
Standardized modular system allows for parallel deployment and connection of multiple machines for easy expansion



International Certifications

Certified to European and American battery standards such as IEC and UL

Applications



Product Model	OES-LF30/OES-LF60/OES-LF90
Rated Capacity	280Ah
Rated Energy	186kWh
DC Voltage	665.6V
DC Voltage Range	582.4V~748.8V
Maximum Power of PV	135kW
Rated AC Output Power	90kW
THD	<3%
DC Current Component	≤0.5%
Grid Voltage	400V/480V AC
Charge Discharge Conversion Time	<100ms
Rated Grid Frequency	60Hz±2.5Hz
Power Factor	-0.99~+0.99
Rated Output Voltage	400V/480V AC
Rated Frequency	60Hz
THDU	≤3%(Linear Full Load)
Unbalanced Load Capacity	100%
System Efficiency	≥88%
System Cycle Life	≥6000
System Service Life	≥10 Year
Working Temperature (Charging)	0~55°C
Working Temperature (Discharge)	-20~55°C
Weight	≤4000kg
Working Humidity	≤95%Rh
Noise	≤70dB
Storage Temperature	-20~45°C
	0~35°C
Dimensions	W1850±3mm
	D1360±3mm
	H2200±5mm
Application Altitude	3000m (>2000m Derating)
Battery Compartment Cooling Method	Forced Air Cooling
Electrical Compartment Cooling Method	Forced Air Cooling
Power Interface	Copper Bar/Cold Pressed Terminal (M10 screw)
Communication Port	ModbusRTU/Modbus TCP,CAN,LAN
Installation Method	Floor Mounted, Outdoor
IP Rating	IP54
Corrosion Protection Level	C3
Fire Suppression Configuration	Aerosol

